



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

SR-6J

Via Electronic Mail Only

968739

May 11, 2021

John Wolski
Senior Remediation Manager
Raytheon Technologies - Corporate Remediation
9 Farm Springs Road
Farmington, CT 06032

**Subject: Southeast Rockford Groundwater Contamination Superfund Site, Operable Unit 3,
Source Area (SA) 9/10 – Requirement for 1,4 Dioxane as Routine Groundwater
Monitoring Parameter**

Dear Mr. Wolski:

This letter is in response to the January 12, 2021 letter from EPA which added 1, 4 dioxane as a routine monitoring parameter *"for at least one monitoring cycle"* at SA 9/10 and that *"EPA will then determine whether to continue 1,4-dioxane analyses after evaluation of the data"*.

Based on the 1,4 dioxane analytical results provided by AECOM Technical Services, Inc. (AECOM) on behalf of Hamilton Sundstrand Corporation (HSC), from the first quarter 2021 (1Q2021) groundwater management zone (GMZ) sampling event and documented in the *2021 First Quarter GMZ Monitoring and System Performance Report dated April 20, 2021*, the U.S. Environmental Protection Agency (EPA) in consultation with Illinois Environmental Protection Agency (IEPA) is requiring that HSC continue to monitor 1, 4 dioxane as an analytical parameter during its quarterly groundwater monitoring events. After four quarters of groundwater data have been evaluated and reviewed, EPA will then determine whether there is a need to continue monitoring for 1, 4 dioxane in SA 9/10.

As per our meeting and discussion on May 10, 2021, while it is acknowledged that the presented 1Q2021 data result concentrations were below the Illinois Section 620 Groundwater Quality Standards for 1,4 dioxane (7.7 µg/L), there were detections that ranged from 0.42 µg/L to 4.7 µg/L. These results will likely fluctuate based on variables throughout the year and further data collection over at least 4 quarters (1 year) is warranted to understand the nature and extent of 1,4 dioxane at SA 9/10 with respect to the groundwater criteria.

If you have any questions, please call me at (312) 886-7153.

Sincerely,

A handwritten signature in black ink, reading "Jennifer Knoepfle", is located below the "Sincerely," text.

Jennifer Knoepfle, Ph.D., P.G.
Remedial Project Manager

cc (via electronic mail):

Tom Turner, Attorney, EPA Region 5 Office of Regional Counsel

Brian Conrath, Project Manager, IEPA

Jon Alberg, Senior Principal, AECOM

Peter Hollantz, Project Manager, AECOM